

19990805.qrp v01_n539.qrl.990805

Date: Thu, 5 Aug 1999 19:03:08 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1539

QRP-L Digest 1539

Topics covered in this issue include:

- 1) [46826] 48 Hours: To Austin TX QRP forum
by "rohre" <rohre@arlut.utexas.edu>
- 2) [46827] Re: [Elecraft] Re: Tech America Soldering Station
by Phil Wheeler <w7ox@mindspring.com>
- 3) [46828] Re: [Elecraft] Re: Tech America Soldering Station
by Phil Wheeler <w7ox@mindspring.com>
- 4) [46829] Re: [Elecraft] Re: Tech America Soldering Station
by Phil Wheeler <w7ox@mindspring.com>
- 5) [46830] WTB Analog Ten Tec 525
by "Bill Todd" <bill@willapabay.org>
- 6) [46831] DSW-40 on 9 V battery - AR QRP net
by n5ib@juno.com
- 7) [46832] Cycle 23
by Kevin Walker <kb9nun@ameritech.net>
- 8) [46833] Re: Greetings from Brooklyn, NY
by "KEVIN F GLYNN" <KFGLYNN@prodigy.net>
- 9) [46834] Re: Cycle 23
by "John A. Evans - N0HJ" <jae@codenet.net>
- 10) [46835] Re: Cycle 23
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 11) [46836] Re: [Elecraft] Re: Tech America Soldering Station
by "Steve Sorrell" <ap036@detroit.freenet.org>
- 12) [46837] Re: Cycle 23
by olyellr@iglou.com
- 13) [46838] FS: SLV sold- thanks
by Bruce Grubbs <bog@flagstaff.az.us>
- 14) [46839] rE: 30-METERS AT 0500UTC
by RangerSF5@aol.com
- 15) [46840] My K2's
by aweiss@usd.edu (Ade Weiss W0RSP)
- 16) [46841] Soldering crystal cans
by matti.niskanen@yle.fi
- 17) [46842] SV: Soldering crystal cans
by "Hans Sundstrom" <hans.sundstrom@telia.com>
- 18) [46843] Re: DSW-40 on 9 V battery - AR QRP net
by ac5ez@webtv.net (Larry B)
- 19) [46844] Re: SV: Soldering crystal cans

- by "Leon Heller" <leon_heller@hotmail.com>
- 20) [46845] [Fwd: Audio Eclipse May Fill the Sky on August 11]
by Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
- 21) [46846] PSK31 (CW Radio) with SB Test Equipment from http://
by John R Kirby <n3aaz-qrp@juno.com>
- 22) [46847] OHR-400 and DD-1 Sold
by RobCap@aol.com
- 23) [46848] Re: Solder Flux and Propagation
by wd9eyb@butler.indiana.net
- 24) [46849] Re: DSW-40 on 9 V battery - AR QRP net
by "Chuck Adams K7Q0" <adams@ticnet.com>
- 25) [46850] RE: Greetings from Brooklyn, NY
by "Alex Mendelsohn" <ai2q@ispchannel.com>
- 26) [46851] AR QRP 40m Net Results
by Robsparks@aol.com
- 27) [46852] Toroid Salvaging tip !!!
by "LB" <cyberoptics@pandora.be>
- 28) [46853] Battery Chargers - Phewy!
by "Franco, Nicholas J" <franco@bnl.gov>
- 29) [46854] Save a few bucks.....
by KB90CE@aol.com
- 30) [46855] Re: Toroid Salvaging tip !!!
by "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
- 31) [46856] Melissa is back
by "Richard E. Robinson" <rerobins@email.uncc.edu>
- 32) [46857] Re: [Elecraft] Re: Tech America Soldering Station
by Monte Stark <ku7y@dri.edu>
- 33) [46858] Re: Battery Chargers - Phewy!
by "George T. Baker" <w5yr@swbell.net>
- 34) [46859] Re: Battery Chargers - Phewy!
by Paul Erickson <paule@sfu.ca>
- 35) [46860] Re: Battery Chargers - Phewy!
by "Chuck Adams K7Q0" <adams@ticnet.com>
- 36) [46861] Where's QRP-L??
by RadioKOL@aol.com
- 37) [46862] Some Capacitor Insulation-Resistance Data
by "Ed Tanton" <n4xy@att.net>
- 38) [46863] Still looking TT Century22...
by "Hanson Family" <hansfam@midcoast.com>
- 39) [46864] 10m contest results
by Monte Stark <ku7y@dri.edu>
- 40) [46865] DSW-30 power, voltage, ect
by Jay Bromley <w5jay@alltel.net>
- 41) [46866] Re: Where's QRP-L??
by Bob Nielsen <nielsen@primenet.com>
- 42) [46867] Re: Battery Chargers - Phewy!
by "George T. Baker" <w5yr@swbell.net>
- 43) [46868] AOL / list problems

- by Macstein@aol.com
- 44) [46869] Re: 10m contest results
by James Owen <owen@piper.eeel.nist.gov>
- 45) [46870] QRPp Wilderness Alert.
by Ed Loranger <we6w@qsl.net>
- 46) [46871] INFO: National Park Sprint/Contest
by Rod Cerkoney <rlc@frii.com>
- 47) [46872] Fox: Team Guidelines (fwd)
by Bruce Rattray <rattray@gpfn.sk.ca>
- 48) [46873] Re: QRPp Wilderness Alert.
by Ed Loranger <we6w@qsl.net>
- 49) [46874] DSW-40 tests on 9V battery
by n5ib@juno.com
- 50) [46875] underdog needed
by Roy <marion@montana.com>
- 51) [46876] MASS FOX TEAM
by malman@world.std.com (Joel Malman)
- 52) [46877] MFJ-418 Code Tour
by Jerry Albertin <jalbertin@juno.com>
- 53) [46878] OT: Paddles and CW Test
by "Chuck Adams K7Q0" <adams@ticnet.com>
- 54) [46879] Re: INFO: National Park Sprint/Contest
by John Evans - N0HJ <jae@codenet.net>
- 55) [46880] Re: INFO: National Park Sprint/Contest
by Jeff Francis <jfrancis@frii.com>
- 56) [46881] Portable operating setup; webpage info is good read.
by Ed Loranger <we6w@qsl.net>
- 57) [46882] RE: Portable operating setup; webpage info is good read.
by "Kory Hamzeh" <kory@avatar.com>
- 58) [46883] Results of the August Spartan Sprint
by "Russ Carpenter" <russ@natworld.com>
- 59) [46884] Re: Where's QRP-L??
by J38AL@aol.com
- 60) [46885] T-T 525D/1208 6 mtr Xvtr Price Reduction
by Richard Arland <k7sz@epix.net>
-

Date: 4 Aug 1999 19:25:10 -0500
From: "rohre" <rohre@arlut.utexas.edu>
To: qrp-l@lehigh.edu
Subject: [46826] 48 Hours: To Austin TX QRP forum
Message-ID: <n1278327765.30364@msmailgw1.arlut.utexas.edu>

If ever you wanted to learn how to build a QRP tube transmitter, then "QRP with Firebottles" is going to wow you! Jim, K5BZH, has built two models for Saturday's (Aug. 7), QRP forum at Austin Summerfest Radio Convention. He has a 25 Page!!!! handout for the first lucky 40 attendees. Since it is a small

hotel, we hope that will be enough!

Ed, N5EM, has two Tixie transceiver kits (THANKS EMBEDDED RESEARCH), that are going to be completed before the forum eyes and GIVEN away to two lucky attendees, while Chuck, K7QO, talks about QRP-the state of the art, how you can do it from your own QTH, or in the field, with new technology (like he has just built from Small Wonders Labs), or with the boatanchors some of us started with on our ham roads of 40 plus years ago.

Glen, K5FX has graciously offered to do name badges for the attendees. Now it would be nice for the dinner and for a rough count for you to email me if you are coming Fri. for the QRP no host dinner, and want a name badge. I think these will be the fill in the name yourself type, but Glen had a nice logo on those he did for the G3RJV gala in June.

Friday nite starts the fun, with opening of the swap meet at 6 PM in the Red Lion Hotel ballroom. At 7 PM, we will meet beside the registration tables in the hall and caravan to Lone Star Cafe, on Middle Fiskville Rd. in Lincoln Village Center, right across IH 35 from the Red Lion. We can visit at Lone Star, and talk about great Field Day antennas, as the Horizontal Vee Beam gurus will be there, as well as the IDEZ man.

The Summerfest Convention has DX forums, ARRL National forum, and many other attractions all day Saturday, before the QRP forum at 4 PM.

If you have looked at the web page at <www.repeater.org/summerfest/> there is going to be (possibly), a substitution in one of the forums. Due to a work project, the presenter of "Air Force One Communications" may not be able to attend. IF he does not make it, the back up program will be Dewey Roth. Dewey's claim to some fame is his association with the book "Border Radio", the story of the people side of the mega QRO stations that used to broadcast from the Tx Mexico border in the 40's and 50's. Dewey is writing another book on these technical power stations, and will relate how those mind numbing AM signals were generated. He also tells great stories such as how Wolfman Jack rescued a fellow DJ from the clutches of banditos taking over one of the stations. Some of the 'cures' for many ailments could not be advertised over US stations, so the owners of the stations moved them to Mexico with offices in the US. There, they used brute force power to blanket the continent with channel clearing signals, in spite of the FCC. Light bulbs in the barrios around these stations glowed even when turned off. And many other strange RF happenings followed. Either speaker should be interesting.

Please let me know if you plan to make the Lone Star Cafe gathering Fri. night, in order for us to plan a table seating. email Stuart K5KVH, <rohre@arlut.utexas.edu>
Thanks and 72,
Stuart

Date: Wed, 04 Aug 1999 17:53:44 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: Steve Sorrell <ap036@detroit.freenet.org>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46827] Re: [Elecraft] Re: Tech America Soldering Station
Message-ID: <37A8E098.12D1C24D@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Steve Sorrell wrote:

>
> Phil, et al
> You folks are worrying way too much. Several people, myself included, have
> said that the station is brand new and works fine. I don't understand the
> need to continuously worry over nothing!.

Who's worrying. I don't have one to worry about!

> If you really want to pay more
> for the same station, go ahead!

\$10 more is not all that much.

> But, I've had mine a year now and its built
> a Sierra, OHR500, NC20, W9GR DSP III, and a Tkit 1330 and guess what, they
> all WORK. The solder melted correctly, no boards were scorched and guess
> what, I'm having fun with the radio equipment.
> It's not the soldering iron that counts, its the person using the iron that
> counts.

Not always: Try it with my 300 watt gun (the PL-259 melter); the results
will likely be bad.

> I don't see many posts where the blame for a broken radio is laid
> on the soldering iron.

True enuff!

Phil

Date: Wed, 04 Aug 1999 17:57:08 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: "Adam B. Kanis" <adam-kanis@uiowa.edu>
Cc: elecraft@qth.net, qrp-1@lehigh.edu
Subject: [46828] Re: [Elecraft] Re: Tech America Soldering Station
Message-ID: <37A8E164.C79C33BD@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

BTW ...

the 400 Hz comment was meant as HUMOR!

Phil

Date: Wed, 04 Aug 1999 17:58:25 -0700
From: Phil Wheeler <w7ox@mindspring.com>
To: w6toy@erols.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46829] Re: [Elecraft] Re: Tech America Soldering Station
Message-ID: <37A8E1B1.AB2212C9@mindspring.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The 400 Hz comment was a joke, guys.

Phil

Bruce Muscolino wrote:

>
> Guys,
> >
> > I've done some good deals with Fair Radio.
> >
> > Only thing, make sure the military soldering station is not set up for
> > 400 Hz!
> >
> Sitting on the desk about 10 feet away is one of the FAIR Radio soldering
> sets. Rather than the blue plastic boxes that Weller usually uses, it
> is in an olive drab metal box about 12" long, 5" wide, and 3" thick.
> There is an accessory that holds the iron and all the tips are inside.
> I have had it for about three years now. It is MOST definitely quite a

> bargain and not 400 Hz. I would recommend it whole heartedly. FAIR
> Radio has many real bargains.
>
> 73

Date: Wed, 4 Aug 1999 18:44:14 -0700
From: "Bill Todd" <bill@willapabay.org>
To: <nwq-l@scn.org>
Cc: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>,
<William.Bowes@PSS.Boeing.com>
Subject: [46830] WTB Analog Ten Tec 525
Message-ID: <002f01bedee4\$06db55e0\$a7added1@bill>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello NWQ-L and QRP-L.

A friend of mine is interested in buying a TenTec 525 Analog rig (NOT the digital version of the same radio). If you have such a rig for sale, please contact Bill, N7MOB at the address listed below.

Thanks -

Reply to: William.Bowes@PSS.Boeing.com

CUL, Bill-N7MFB

Date: Wed, 04 Aug 1999 21:45:34 EDT
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [46831] DSW-40 on 9 V battery - AR QRP net
Message-ID: <19990904.193625.4775.0.N5IB@juno.com>

Gang, the Arkansas QRO net was a blast tonight. I started building a new antenna at 7 pm, net time is 7:30. Its a wire inverted vee, non-resonant, fed with 300 ohm twin lead, with MFJ 971 tuner. Finished it at 7:24. Tuned up the tuner using the MFJ-259 and was on the air with the DSW-40 from the picnic tabel on the patio at 7:29. Heard Bob, our ncs (NQ5RP)

call up the net at 7:30.

Who should QNI but Chuck, K7Q0/5 from Big-D. New antenna worked fine.
Copied all but one net station.

On a lark at the close of the net I disconnected my 2.2 A-hr gel cell from the DSW-40 and hooked up a 9 V battery (yep, that's right, a teensy nine volt transistor radio battery) and called the ncs. Bob copies OK - well, it is only about 100 mi from Baton Rouge to Alexandria LA - but still - A 9 V battery ???!!

I think I might put a battery holder inside the DSW box with a series Schotky diode so it will be "out of play" when a heftier supply is connected, then I can always have a spot of power for a quick listen, or even a quick QSO....

It was neat to hear that oft-talked-about "dit dit" from Chuck - a first time for me....

72
Jim N5IB

Get the Internet just the way you want it.
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Date: Wed, 04 Aug 1999 21:20:54 -0500
From: Kevin Walker <kb9nun@ameritech.net>
To: QRP-L <qrp-l@lehigh.edu>
Subject: [46832] Cycle 23
Message-ID: <37A8F506.4347E23B@ameritech.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I was talking to some local hams on 2m (my regular drive-time group) and the topic of cycle 23 came up. The feeling among a few of them was the while the numbers are looking good, the signals are not as strong as they expected.

Now I'm a newbie so to speak, and have not been through a peak in the cycle. So, just curious, what does this group think??

I realize we have not hit the peak yet so are these guy's just

complaining too much??

Kevin/KB9NUN

Date: Wed, 4 Aug 1999 22:39:18 -0400
From: "KEVIN F GLYNN" <KFGLYNN@prodigy.net>
To: <qrp-1@Lehigh.EDU>
Cc: "Tony WW2W" <acatalan@pipeline.com>
Subject: [46833] Re: Greetings from Brooklyn, NY
Message-ID: <002701bedeeb\$b81642a0\$875a9cd1@oemcomputer>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hello Satoshi and Gang,

I'd first like to say welcome to Brooklyn! I live in Brooklyn (Bay Ridge, near Verrazano Bridge - went to school in Brooklyn Heights) and happen to play a lot of portable radio with a good friend of mine Tony WW2W. Tony and I are members of various radio clubs and as a matter of fact, Tony, myself and a few other friends started the Brooklyn QRP Club last year, where our aim is to operate and build stuff. Our "Ebetts Field" is Cannonball Park. We can shoot inveted-vees up at least 50', and my goal is to try a monster 80M horizontal loop at the park.

I would certainly like to try a day in Cannonball Park (101st Street and 4th Avenue at the foot of the Verrazano Bridge Brooklyn side) with you one weekend. I'm cc:ing the list in case anyone else would like to join in. I'm working towards DXCC QRP with a lot of the contacts from the park!

Please let me know what you think and I look forward to hopefully meeting you. Tony's the President of the Kings Country Radio Club who may have VE license exams during the summer. I'm on another VE team that meets up again in early September. If you'd like to schedule an exam just let me know, too. Take it easy.

Alex - don't think any of the old stores are there anymore at all. When I was a kid I loved going to Heath on I think 45th St. I had a small AM radio and an HR-10B receiver as a kid in '74. I was so bummed to find out they went of business (got back into radio about 5 years ago).

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Wed, 04 Aug 1999 20:47:49 -0600
From: "John A. Evans - N0HJ" <jae Evans@codenet.net>
To: qrp-1@lehigh.edu
Subject: [46834] Re: Cycle 23
Message-ID: <3.0.5.32.19990804204749.00834200@mail.codenet.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hey, it's all us QRPers on the air, discouraging the QROers and hogging all the bands !!!!!

72 - john - n0hj

At 09:20 PM 8/4/1999 -0500, you wrote:
>I was talking to some local hams on 2m (my regular drive-time group) and
>the topic of cycle 23 came up. The feeling among a few of them was the
>while the numbers are looking good, the signals are not as strong as
>they expected.

Date: Wed, 4 Aug 1999 20:40:16 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: <kb9nun@ameritech.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46835] Re: Cycle 23
Message-ID: <003b01bedee3\$7914c7a0\$ab37a497@aa5tb>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

I haven't been on 10m as much as I had been in previous sunspot cycles so I don't know really know how it is doing or where the MUF (Maximum Useable Frequency) has been hanging out. MUF is probably the most directly related to solar flux.

All I can say is that I've been having a blast with the very strong signals and signal reports I have been getting out of DX on 20m. I only run QRP, my

antenna is a cloud burner (inverted-vee dipole with the apex at 20 feet), and I have a substantial hill from my north to my east yet I can work Europe and Asia every evening unless there is some sort of major disturbance. Typical reports I get range from 559 to 579. I couldn't imagine propagation much better. In fact, if I was to predict my setup's performance based on theory I would say I couldn't do what I have been doing. My main radiation lobe is at 90 degrees, I have a rolling hill blocking everything below about 20 degrees to the northeast, my power is that of weak night light spread over billions of square miles of earth (at least the very small fraction that makes it back to earth!), etc. I've been operating mostly QRP for over 21 years now and I still get a kick out of every contact :-)

I wonder where your friends have been listening? May be just the fact that QRPer's are gaining in numbers?

73,
Steve Yates - AA5TB
Fort Worth, TX - EM12gs
<http://home.swbell.net/aa5tb>

Date: Thu, 5 Aug 1999 04:32:56 +0100
From: "Steve Sorrell" <ap036@detroit.freenet.org>
To: <w7ox@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [46836] Re: [Elecraft] Re: Tech America Soldering Station
Message-ID: <011001bedef3\$366d3b20\$c742b3c7@sorrells>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Phil,
You got WAY too much time on your hands.
de Steve

Date: Thu, 05 Aug 1999 00:32:59 -0400
From: olyellr@iglou.com
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [46837] Re: Cycle 23
Message-ID: <3.0.5.32.19990805003259.007bb840@pop.iglou.com>
Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

I found this chart on the SEC site a few days ago. While the numbers only represent predictions, overall it gives us a fair idea where we are in this cycle.

73,
Mike, AF4LQ

-----fwd-----

Prepared bu the U.S. Dept. of Commerce, NOAA, Space Environment Center (SEC)
Please send comments and suggestions to sec@sec.noaa.gov

#

Missing Data: 0.0

#

Predicted Sunspot Number and Radio Flux values
with expected ranges

#

---- Sunspot Numbers ----- Radio Flux -----

YR MO PREDICTED HIGH LOW PREDICTED HIGH LOW

#-----

1998	07	94.0	124.6	73.5	149.1	172.1	126.2
1998	08	101.0	130.9	77.7	153.8	177.8	129.9
1998	09	109.2	136.9	81.8	158.3	183.2	133.6
1998	10	114.2	142.8	85.7	162.8	188.5	137.2
1998	11	118.9	148.4	89.6	167.0	193.6	140.6
1998	12	123.5	153.8	93.3	171.1	198.4	144.0
1999	01	127.8	158.8	96.6	175.0	203.0	147.2
1999	02	131.9	163.6	100.3	178.7	207.3	150.2
1999	03	135.8	168.1	103.5	182.2	211.3	153.2
1999	04	139.4	172.3	106.6	185.5	215.0	155.9
1999	05	142.8	176.1	109.5	188.5	218.5	158.5
1999	06	145.9	179.6	112.2	191.3	221.6	161.0
1999	07	148.7	182.7	114.7	193.9	224.4	163.2
1999	08	151.3	185.5	117.0	196.2	226.9	165.3
1999	09	153.6	187.9	119.0	198.2	229.1	167.1
1999	10	155.5	189.9	120.9	200.0	230.9	168.8
1999	11	157.2	191.6	122.5	201.5	232.5	170.3
1999	12	158.6	193.0	124.0	202.8	233.7	171.6
2000	01	159.8	193.9	125.2	203.8	234.6	172.7
2000	02	160.6	194.6	126.2	204.5	235.2	173.6
2000	03	161.1	194.9	127.0	205.0	235.4	174.3
2000	04	161.4	194.8	127.5	205.3	235.3	174.8
2000	05	161.4	194.4	127.9	205.3	235.0	175.1
2000	06	161.2	193.7	128.1	205.1	234.3	175.2
2000	07	160.2	192.7	128.0	204.6	233.4	175.2

2000 08	159.9	191.4	127.7	203.9	232.3	175.0
2000 09	158.9	189.8	127.3	203.0	230.8	174.6
2000 10	157.6	187.9	126.7	201.8	229.1	174.0
2000 11	156.1	185.8	125.9	200.5	227.2	173.3
2000 12	154.5	183.4	124.9	199.0	225.0	172.4
2001 01	152.6	180.7	123.7	197.3	222.7	171.3
2001 02	150.5	177.9	122.4	195.4	220.1	170.1
2001 03	148.2	174.8	120.9	193.4	217.4	168.8
2001 04	145.8	171.6	119.3	191.2	214.4	167.4
2001 05	143.2	168.2	117.5	188.9	211.3	165.8
2001 06	140.5	164.6	115.6	186.4	208.1	164.1
2001 07	137.6	160.9	113.6	183.8	204.8	162.3
2001 08	134.6	157.0	111.5	181.2	201.3	160.4
2001 09	131.5	153.0	109.3	178.4	197.7	158.4
2001 10	128.3	149.0	107.0	175.5	194.1	156.3
2001 11	125.0	144.8	104.6	172.5	190.3	154.1
2001 12	121.7	140.6	102.1	169.5	186.5	151.9
2002 01	118.3	136.3	99.6	166.4	182.7	149.6
2002 02	114.8	132.0	97.0	163.3	178.8	147.3
2002 03	111.3	127.7	94.3	160.1	174.9	144.9
2002 04	107.7	123.3	91.6	157.0	171.0	142.5
2002 05	104.2	118.9	88.9	153.8	167.0	140.0
2002 06	100.6	114.6	86.1	150.5	163.1	137.5
2002 07	97.0	110.3	83.4	147.3	159.2	135.0
2002 08	93.5	106.0	80.6	144.1	155.4	132.5
2002 09	89.9	101.7	77.8	140.9	151.5	130.0
2002 10	86.4	97.5	75.0	137.8	147.8	127.5
2002 11	83.0	93.4	72.3	134.7	144.0	125.0
2002 12	79.5	89.3	69.5	131.6	140.4	122.6
2003 01	76.1	85.3	66.8	128.5	136.8	120.1
2003 02	72.8	81.4	64.1	125.5	133.3	117.7
2003 03	69.6	77.6	61.4	122.6	129.8	115.3
2003 04	66.4	73.9	58.8	119.7	126.5	112.9
2003 05	63.2	70.2	56.2	116.9	123.2	110.6
2003 06	60.2	66.7	53.7	114.2	120.0	108.3
2003 07	57.2	63.3	51.2	111.5	117.0	106.1
2003 08	54.3	60.0	48.8	108.9	114.0	103.9
2003 09	51.5	56.8	46.4	106.4	111.1	101.7
2003 10	48.8	53.7	44.1	104.0	108.4	99.7
2003 11	46.2	50.8	41.8	101.6	105.7	97.6
2003 12	43.7	47.9	39.6	99.3	103.2	95.7
2004 01	41.2	45.2	37.5	97.1	100.7	93.8
2004 02	38.9	42.6	35.5	95.0	98.3	91.9
2004 03	36.7	40.1	33.5	93.0	96.1	90.1
2004 04	34.5	37.7	31.6	91.0	94.0	88.4
2004 05	32.4	35.5	29.7	89.2	91.9	86.7
2004 06	30.5	33.3	27.9	87.4	90.0	85.2
2004 07	28.6	31.3	26.2	85.7	88.1	83.6

2004 08	26.8	29.3	24.6	84.1	86.4	82.2
2004 09	25.1	27.5	23.0	82.6	84.7	80.7
2004 10	23.4	25.7	21.5	81.1	83.2	79.4
2004 11	21.9	24.1	20.1	79.7	81.7	78.1
2004 12	20.4	22.6	18.8	78.4	80.3	76.9
2005 01	19.1	21.1	17.5	77.2	79.0	75.7
2005 02	17.8	19.7	16.2	76.0	77.8	74.6
2005 03	16.5	18.5	15.1	74.9	76.6	73.5
2005 04	15.4	17.3	13.9	73.8	75.5	72.5
2005 05	14.3	16.1	12.9	72.9	74.5	71.6
2005 06	13.3	15.1	11.9	72.0	73.6	70.7
2005 07	12.3	14.1	11.0	71.1	72.7	69.9
2005 08	11.4	13.2	10.1	70.3	71.9	69.1
2005 09	10.6	12.4	9.3	69.5	71.1	68.3
2005 10	9.8	11.6	8.5	68.8	70.4	67.6
2005 11	9.1	10.8	7.7	68.2	69.8	67.0
2005 12	8.4	10.2	7.2	67.6	69.2	66.5

:NWRA: File downloaded: Mon Aug 2 22:28:04 GMT 1999

-----end fwd-----

de AF4LQ

99% CW OP....for the pure JOY of it!

<http://members.iglou.com/olyellr/>

Date: Wed, 04 Aug 1999 21:31:59 -0700

From: Bruce Grubbs <bog@flagstaff.az.us>

To: qrp-l@LeHigh.edu

Subject: [46838] FS: SLV sold- thanks

Message-ID: <3.0.5.32.19990804213159.00a34bd0@mail.infomagic.com>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

The St. Louis Vertical is sold. Thanks to everyone for their interest!

72

Bruce, N7CEE

DM45ee

Flagstaff, Arizona USA

bog@flagstaff.az.us

Date: Thu, 5 Aug 1999 00:37:23 EDT

From: RangerSF5@aol.com
To: QRP-L@lehigh.edu
Subject: [46839] rE: 30-METERS AT 0500UTC
Message-ID: <f26eeea1.24da6f03@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Lots of DX roling in on 30-Meters
Looks like i'll be working VK stationd aroundf 0830 UTC
V5 and V6 stations are getting deep into the EU Countries
Bob
WA2HQrp <tm>

Date: Wed, 4 Aug 1999 23:44:27 -0500 (CDT)
From: aweiss@usd.edu (Ade Weiss W0RSP)
To: qrp-l@lehigh.edu
Subject: [46840] My K2's
Message-ID: <199908050444.XAA18559@sunburst.usd.edu>

Hi gang -- I shouldn't do this... but hey ...

Out in Ft Collins CO over the weekend I was in a Holiday Inn, 2nd floor, 12 foot metal window strip running up 9 floors, 30 ft of metal roof 4-ft under the window -- hopeless. So, I experimented with the Slinky antenna -- not much luck since only 6-ft of the thing was exposed to the ionosphere!!!

But, I got myself a kind of K2 -- i.e., no the QRP kind, but the rollerblade kind of K2 -- WOW! Fantastic compared to the \$50 K-Marts I used for a year! So, I'm still waiting to win a real K2 at door-prize events.... fat chance...

Hey, 30m is perking tonight. I just finished putting up an endfed halfwave at 48ft with the main lobe on EU. Beats my pair of phased verticals. WP3C was for starters, then I2YSB, OK1EV (only the 2nd OK worked here), and a nice chat during this e-mail with F9KP. Best night on 30m since early May. Flux =211 A=9 isn't too shabby.

To return to CO trip, stopped in Kearny NE on the way back. Good site. Third floor, lamp-post 95-ft away, easy toss over the post because it was topped by a pair of lamps. Easy tune-up and easily worked CT3, LU5, and ON8 before I crashed.

My general observation is that there are no plain old wood or brick motels left. They all are aluminum-siding, or at least have that 12-ft stick-on window structure. So, seems like the only ant for motels these days is an endfed wire. My Radio Shack 100-ft spool sure has been turning in FB results!

OK, enough rambling.

72, Ade

Date: Thu, 5 Aug 1999 12:49:23 +0200
From: matti.niskanen@yle.fi
To: qrp-1@Lehigh.EDU
Subject: [46841] Soldering crystal cans
Message-ID: <422567C4.003B6BC3.00@notessri.yle.fi>
Mime-Version: 1.0
Content-type: text/plain; charset=us-ascii
Content-Disposition: inline

Hi Folks,

Has anyone experience in soldering crystal cans ? DSW-20 manual suggests to ground the RX filter crystal cans. That should improve the crystal filter skirt characteristic. Do I need low-temperature solder (abt 150 C) or is the normal multicore solder OK ? Do the crystals break easily when heated ?

Matt OH2CF

E-mail: matti.niskanen@yle.fi

Date: Thu, 5 Aug 1999 12:29:43 +0200
From: "Hans Sundstrom" <hans.sundstrom@telia.com>
To: <matti.niskanen@yle.fi>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46842] SV: Soldering crystal cans
Message-ID: <199908051029.MAA04711@d1o22.telia.com>

Should be done with care, no overheating, as fast as possible. Tin the crystal can and the wire separately first and then solder them together. I have never used any other solder than the usual but I am always using a temperature controlled Weller at abt 360 degrees C, for many years a WTCP, now a WS50.

I have - so far - not fried a crystal.

73

Hans / SM4ATJ

-----Ursprungligt meddelande-----

Fr n: matti.niskanen@yle.fi <matti.niskanen@yle.fi>
Till: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Datum: den 5 augusti 1999 11:51
mne: Soldering crystal cans

>
>Hi Folks,
>Has anyone experience in soldering crystal cans ? DSW-20 manual suggests
to
>ground the RX filter crystal cans. That should improve the crystal filter
skirt
>characteristic. Do I need low-temperature solder (abt 150 C) or is the
normal
>multicore solder OK ? Do the crystals break easily when heated ?
>Matt OH2CF
>E-mail: matti.niskanen@yle.fi
>
>
>

Date: Thu, 5 Aug 1999 06:40:49 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [46843] Re: DSW-40 on 9 V battery - AR QRP net
Message-ID: <26696-37A97841-3438@postoffice-113.iap.bryant.webtv.net>
Content-Disposition: Inline
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)
Content-Transfer-Encoding: 7Bit

Jim

The net was fun last nite. I copied your dsw-40 here in Mesquite last
night.Dumb me - I didnt recognize k7qo <g>
K1zw

Date: Thu, 05 Aug 1999 05:07:53 PDT
From: "Leon Heller" <leon_heller@hotmail.com>
To: hans.sundstrom@telia.com, qrp-1@Lehigh.EDU
Subject: [46844] Re: SV: Soldering crystal cans
Message-ID: <19990805120754.41443.qmail@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

>Should be done with care, no overheating, as fast as possible. Tin the
>crystal can and the wire separately first and then solder them together. I
>have never used any other solder than the usual but I am always using a
>temperature controlled Weller at abt 360 degrees C, for many years a WTCP,
>now a WS50.
>I have - so far - not fried a crystal.

Tinning the case is easier if you scrape or file the surface lightly, and
should minimise the heat required. I've had no problems with crystals when
doing this.

73, Leon

Leon Heller, G1HSM
Tel: +44 (0)1327 357824
leon_heller@hotmail.com
<http://www.geocities.com/SiliconValley/Code/1835>

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Thu, 05 Aug 1999 08:07:15 -0400
From: Thomas Jennings <jennings@eng14.rochny.uspra.abb.com>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [46845] [Fwd: Audio Eclipse May Fill the Sky on August 11]
Message-ID: <37A97E73.90DFCFA4@eng14.rochny.uspra.abb.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

NASA Science News wrote:

>
> NASA Science News for August 4, 1999:
>
> Audio Eclipse May Fill the Sky - As the eclipse turns day into night over
> Europe on August 11, radio transmissions from near the path of totality may
> spread across the globe, due to ionospheric changes caused by the Moon's
> shadow. As a result, ham radio operators around the world can track the August
> 11, 1999 total solar eclipse by monitoring changes in atmospheric radio
> propagation. Science@NASA invites ham radio enthusiasts to submit their data to
> help better understand the nature of ionospheric disturbances. Full story:
>
> http://science.nasa.gov/newhome/headlines/ast04aug99_1.htm
>
> Link for
> AOL users.
>
> =====
> You are subscribed to NASA's Space Science News mail server.
> This is a free service.
>
> To add, remove, or change your address on this service,
> go to
>
> <http://science.nasa.gov/news/subscribe.htm>
>
>
> Link for AOL users.
> =====
>
> Linda Porter
> Code SD23
> Science Systems Department
> NASA/Marshall Space Flight Center
> Huntsville AL 35812
>
> (256)544-7588
> (256)544-7128 (fax)
> linda.porter@msfc.nasa.gov
>
> <http://science.nasa.gov/>

Date: Thu, 5 Aug 1999 08:28:02 -0400

From: John R Kirby <n3aaz-qrp@juno.com>
To: qrp-1@Lehigh.EDU
Subject: [46846] PSK31 (CW Radio) with SB Test Equipment from <http://>
Message-ID: <19990805.082948.-246095.1.n3aaz-qrp@juno.com>
MIME-Version: 1.0
Content-Type: text/plain
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Group,

More help for receive, to transmit you still need a SSB radio.

. . . n3aaz . . . wrote;

>For CW only radios

>give this a try. . .

>Radio bandwidth, no problem,

>the PSK31 software establishes the

>receive bandwidth (about 31 Hertz) and all

>CW radios are wider than 31 Hertz.

. . . more. . .

True, radio bandwidth is NOT a problem. . . but,

WHERE that BW falls IS a problem.

The PSK31 software defaults at 1000 Hz.

Most CW radios have an tight filter centered other than 1000 Hz.

Solution;

Change the 1000 Hz default with the SETUP menu or

click *Rx Freq Hz AFC* >OFF< (no check mark) then

Input your filter centre frequency and click AFC ON.

What is the frequency and bandwidth of your filter?

A sound blaster (SB) digital oscilloscope, frequency counter,
sinewave generator and an a.f. sweep generator.

>><http://lonestar.texas.net/~gore/equipment.html>>>

There is another one called

Amateur Radio Soundblaster Software Collection at

DL9QJ that has both "tools" and "modes".

>><http://www.muenster.de/~welp/sb.htm><<

But remember with all radios;

Short term VFO stability MAYBE a problem, but

the PSK31 software has AFC that can track
to *about* a 5 Hertz tuning / stability resolution,
10 Hertz or more may be a problem, however
it will lock for short periods.

First tune the radio > S L O W < VERY VERY SLOW for
a *center* stationary *water fall* display as shown in the Help file.
If the software *locks* (tuning eye goes from red to yellow) and
you see two *spokes* in the *wheel* but
print is still garbage means that the radio is tuned to the
wrong sideband, if you can tune the radio to the other sideband
(some radios will do so by just turning the front panel
main tuning knob >through< *zero beat* to the >other< sideband)
else you will have to go inside the radio to make the adjustment.
Note, if you lock and see FOUR spokes in the wheel
the distant end is transmitting QPSK mode, goto
to the MODE menu and click "QPSK".

20 is HOT with PSK31 from 14-068 kHz and up.
Remember Gray Line DX, you have TWO, AM es PM.

10 hot in spurts keep an ear on 28-120-15 kHz.

For "less" stable radios:
If you call CQ click NET >ON<.
If you answer CQ click NET >OFF<

Hope this helps.

73
John
N3AAZ
FM19xa

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 5 Aug 1999 08:45:57 EDT
From: RobCap@aol.com
To: qrp-1@lehigh.edu, HEATH@listserv.tempe.gov
Cc: W2HD@juno.com
Subject: [46847] OHR-400 and DD-1 Sold
Message-ID: <f06dce14.24dae185@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The OHR-400 with digital display has been sold. W2HD wants to apologize to anyone who wrote to him: his Juno e-mail was down for 48 hours, and he was not able to respond. The person who purchased the unit reached him by telephone.

73,

Rob, W3DX

Date: Thu, 5 Aug 1999 08:00:12 -0500 (GMT+5)
From: wd9eyb@butler.indiana.net
To: qrp-l@lehigh.edu (QRP List)
Subject: [46848] Re: Solder Flux and Propagation
Message-ID: <199908051300.IAA07450@butler.indiana.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Chuck didn't make a typo, I just read the posting incorrectly and temporarily confused myself.
My sister tells me these things are called "senior moments".
And I don't even have my AARP card yet.
I have 3 years to go until AARP finds me.
I'm only 47.

WD9EYB

Date: Thu, 5 Aug 1999 08:24:06 -0500
From: "Chuck Adams K7Q0" <adams@ticnet.com>
To: n5ib@juno.com
Cc: qrp-l@lehigh.edu
Subject: [46849] Re: DSW-40 on 9 V battery - AR QRP net
Message-ID: <E11CNU8-0000Yn-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Jim,

It was good to hear you also in Dallas.

When you checked in with the 9V battery you were 449 in Dallas with all the QRN. If you have an OHR WM-1 or WM-2, see how much power output you had and let us all know.

dit dit

Chuck Adams K7Q0/5 adams@ticnet.com <http://www.qsl.net/k7qo/>

Date: Thu, 5 Aug 1999 09:22:53 -0400
From: "Alex Mendelsohn" <ai2q@ispchannel.com>
To: <KFGLYNN@prodigy.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [46850] RE: Greetings from Brooklyn, NY
Message-ID: <000201bedf45\$9fa9dec0\$5c32a7d0@mendelsohn.ispchannel.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Thanks Kevin, and thanks to Preston, WJ2V, for his comments on Radio Row too. Say hello to WW2W for me. Although I've never met him personally, I have worked him. It's always a pleasure hearing his big signal on Top Band.

Vy 73, AI2Q, Alex .-.-.

Date: Thu, 5 Aug 1999 09:44:52 EDT
From: Robsparks@aol.com
To: qrp-1@lehigh.edu
Subject: [46851] AR QRP 40m Net Results
Message-ID: <77700dd4.24daef54@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

The AR-QRP Net 9 QNIs last night including 2 new QNIs. Propagation was fair and not too noisy. The freq. was in use prior to the net, but W8US Peter

graciously relinquished it at skid time. The net began at 0030Z and ended at 0117Z. Thanks to those who participated! Here are the stations that checked in:

K5ZTY	Bill	
N5IB	Jim	Good work Jim, QNI using a 9-volt battery!
WA5BDU	Nick	
K1ZW	Larry	
K7Q0/5	Chuck	
K0EVZ		Lost him! (Thanks for the QSP!)
W2XN	Fred	
AE4IC	Bob	
NV4T	Bill	

We need replacement/fill-in NCS ops for the AR QRP nets. Please email me if you could fill in occasionally!

The NCS was Bob AB5ZD, using the AR QRP Club call NQ5RP, QTH Alexandria LA, running 5 watts to a G5RV up about 25 feet in pecan trees. Orientation of the ant wire is NNW to SSE. Following is a list of Arkansas QRP Club nets:

Monday Night	0030Z	3.560 MHz
Wednesday Night	0030Z	7.042 MHz

Non-members are welcome (and encouraged) to QNI!

72,

Bob AB5ZD

Date: Thu, 5 Aug 1999 15:53:44 +0200
From: "LB" <cyberoptics@pandora.be>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [46852] Toroid Salvaging tip !!!
Message-ID: <007701bedf49\$eee75fe0\$14008b1b@pandora.be>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

hi All,

Great !

When you get your hands on brooken CLA's (Cellular Cigarette

lighter Adapters), these little charger control devices contain one Toroid each, yellow color. I just got my hands on several units and have disassembled them, unwound the original wire, and rewired for PI filter purposes, they work great. So if you have a friend in a local Cellular store, and they like all of them, throw away these broken CLA's, try to bargain for buying them for nickles and dimes.

73's
Luc
ON9AAV

Date: Thu, 5 Aug 1999 09:57:22 -0400
From: "Franco, Nicholas J" <franco@bnl.gov>
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>
Subject: [46853] Battery Chargers - Phewy!
Message-ID: <698DB793D712D31180B600902746422D17C47A@exchange01.bnl.gov>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

I'll admit it right off the bat ... I'm a jerk sometimes, OK often, well ... never mind.

I have been trouble shooting 3 rigs in my shack on and off for a couple of weeks now. A Pixie2 dual bander (80/40), a Tixie (80) very similar, and my old' faithful SW-30 (real upset about this one).

The symptoms on the two pixie type rigs were similar. I had a loud static type qrn sound in the earphone but constant and no signals. When I hooked them up to the ZM-2 I could get broadcast RFI in the earphone but no CW. I had oscillator tone on freq in a separate receiver and I had some power out on key down. Very weird that both of these radios experienced the same symptoms at the same time ;-) The SW-30 was chirping all of sudden. It never chirped before. It was always rock solid.

OK here's the jerk part. All this time I'm using my 24aH gel battery. It's a monster that is my main power supply for kits in my shack. I have little cheapy battery charge that my dad sent me from some catalog he gets. I have periodically charged the power pack and this monster gel battery with this thing and never thought anything of it. I checked the voltage while charging and it ready about 13.4 volts so I figured it was just going to take a little longer. So I charged my monster gel battery for 3 days :-). I never thought of measuring the voltage on my big battery after charging it (Doooh!). I finally did that and saw only 10.3 volts.

I went out to the shed and got my battery charger that I use for my motorcycle batteries and whamo 15-16 volts on charge and the battery charged up fully in a day. I then hooked up my SW-30 and bingo - perfect. I worked someone last night on the first CQ call and measured almost 3 watts out on that puppy (I have the power doubler mod installed in the SW-30). Next, hook up the Pixie2 and the Tixie and - yep - you guessed it - perfect also. Yes, I'm a jerk! I've been trouble shooting and chasing phantom problems. When will I learn!

So don't trust a battery charger just because it's new or for any reason. Measure everything. I learned my lesson, again. I should know better by now, but I blew it. There may be someone else out there who can benefit from my mistakes. Hope this helps. I'm not just calling attention to how stupid I can be. I think we all have our moments :-)

72

Nick - kf2ph . .

Nicholas J. Franco <>< BROOKHAVEN NATIONAL LABORATORY
Systems Administrator RHIC Project Building 1005
Tel: (516) 344-5467 UPTON, NY 11973-5000
Fax: (516) 344-3674 Ham Call: KF2PH
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

Date: Thu, 5 Aug 1999 10:28:12 EDT
From: KB90CE@aol.com
To: qrp-l@lehigh.edu (Low Power Amateur Radio Discussion)
Subject: [46854] Save a few bucks.....
Message-ID: <490ee8af.24daf97c@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Last night while shopping at Walgreen's, I saw they have on sale through saturday Memorex floppies...a 20 pack complete with two plastic floppy file boxes for \$6.

Mike

Date: Fri, 06 Aug 1999 00:30:16 +1000
From: "Ian C. Purdie VK2TIP" <ianpurdie@integritynet.com.au>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46855] Re: Toroid Salvaging tip !!!
Message-ID: <37A99FF8.BE78D134@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

LB wrote:

> one Toroid each, yellow color. I just got my hands on several
> units and have disassembled them, unwound the original wire, and

What is OD, ID, thickness? and if you have the means to measure
inductance what are 10, 20 , 30 turns?

73's

Ian Purdie
VK2TIP "I'll give you the TIP mate"
Budgewoi N.S.W. Australia
Tel: 61 + 2 + 4399 3228 (2200 - 0800 U.T.C. please.)
QRP-L member #1978.
URL - <http://www.integritynet.com.au/~purdic/>
URL - <http://www.qsl.net/vk2tip/>
"Three out of five Web experts agree that frames are the work of the
devil and represent all that is evil about the Web. The remaining two
experts are agnostic and think that frames are just a stupid idea" -

Date: Thu, 5 Aug 1999 11:09:44 -0400
From: "Richard E. Robinson" <rerobins@email.uncc.edu>
To: qrp-l@lehigh.edu
Subject: [46856] Melissa is back
Message-ID: <v03102803b3cf560946ef@[152.15.144.71]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

While not exactly qrp related it is qrp-l related.

Don't let your guard down, the Melissa virus is still around and spreading. I'd hate to see anyone on the list get infected.

In the last 2 days several of our faculty members in the Psychology Dept. have received email from colleagues on other campuses with the Melissa virus attached. It spread to 2 machines in our department and I spent most of yesterday cleaning them up. The 2 infected emails were from the Univ. of Pittsburgh and the Univ. of Arkansas. Both users have been notified.

Just make sure you don't open the HAPPY99.EXE attachment if you do find it as an attachment on email. Some virus checkers will find Melissa even in email, but cleaning it off of an infected machine must be done manually. Also be sure to check the "Recycle Bin" of an infected machine. Melissa stores 2 infected files there and you need to empty the "Recycle Bin" to get rid of them.

72,

Rick Robinson kf4ar

Date: Thu, 5 Aug 1999 08:07:38 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46857] Re: [Elecraft] Re: Tech America Soldering Station
Message-ID: <Pine.GS0.4.10.9908050802440.27076-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

> > It's not the soldering iron that counts, its the person using the iron that
> > counts.
>
> Not always: Try it with my 300 watt gun (the PL-259 melter); the results
> will likely be bad.

Hi All,

Welllllll.....

Back before I could afford a nice fancy low powered soldering pencil (as we called them back in the dark ages!), I would often take a piece of heavy copper wire, like used for grounding, and

wrap this around the tip of my 300 watt Weller soldering gun.

I filed the end sharp, tined it and used this to solder many a little board!

I have even used this trick when I needed to change a part on a board deep in a radio and didn't have a "clear" shot with a regular iron. Just bend the wire to fit the "hole", insert and change the part! Has saved me taking several radios apart just to change one part!

So I tend to agree that it's the hand behind the heat source that really counts!

: -)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 05 Aug 1999 10:13:38 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: franco@bnl.gov
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46858] Re: Battery Chargers - Phewy!
Message-ID: <37A9AA22.C4B4C2D4@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

You're not stupid, Nick - perhaps just uninformed about batteries as most of us are.

Turns out that about 13.2 or so volts is barely a maintenance voltage level from a charger. In order to actually charge a battery, it is necessary to apply a voltage in the 14-15 volts range, as you discovered. Getting up in to the 16+ volt range can be dangerous to the batteries health unless done carefully. That is the level of applied charging voltage used for "conditioning" batteries, usually in an attempt to desulphate them.

The most common mistake is to hook a 12-volt battery to a 12-volt power

supply and expect it to (a) be brought up to full charge and then (b) to be kept there at a trickle charge. Never happen! ;^)

A lead/acid battery is usually declared to be discharged if the terminal voltage - unloaded - drops to 10.5 volts.

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

"Franco, Nicholas J" wrote:

> So don't trust a battery charger just because it's new or for any reason.
> Measure everything. I learned my lesson, again. I should know better by
> now, but I blew it. There may be someone else out there who can benefit
> from my mistakes. Hope this helps. I'm not just calling attention to how
> stupid I can be. I think we all have our moments :-)
>
> 72
>
> Nick - kf2ph . .

Date: Thu, 5 Aug 1999 08:50:01 -0700 (PDT)
From: Paul Erickson <paule@sfu.ca>
To: w5yr@swbell.net
Cc: qrp-l@lehigh.edu (qrp)
Subject: [46859] Re: Battery Chargers - Phewy!
Message-ID: <199908051550.IAA05924@fraser.sfu.ca>
MIME-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi George,

> Getting up in to the 16+ volt range can be dangerous to the batteries
> health unless done carefully. That is the level of applied charging
> voltage used for "conditioning" batteries, usually in an attempt to
> desulphate them.

Could you elaborate a little more on this. I was given some 12a/hr and one out of the four will not hold a charge over 12v, and before I throw it out, would like to make all possible efforts to salvage

it. The batteries were new, but left on the shelf too long. Two measured around 11v when I got them, and they charged fine. Two measured around 8v, one seems to be able to take and hold a charge, but one drops down to 11v when the charger is turned off.

Any comments?

cheers, Paul - VE7CQK - email: paul@sfu.ca

Date: Thu, 5 Aug 1999 12:00:11 -0500
From: "Chuck Adams K7Q0" <adams@ticnet.com>
To: qrp-1@lehigh.edu
Subject: [46860] Re: Battery Chargers - Phewy!
Message-ID: <E11CQrE-00022s-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Gang,

Just a few notes:

1. I bought a new Interstate (r) Battery (gel-cell) the other day from Tanner Electronics at their new location. (The store is much much larger than before, well lit, and tons of stuff out that was in the warehouse out of sight.) Price of battery was \$15.95 brand new with 90 day warranty. PC1240 12V 4.5AH with Interstate Battery logo

On the side: 14.40-14.70V deep cycle charging
13.50-13.80V standby (float) charging

FYI

2. I bought at Fry's Electronics some time back a Sanyo "Dome Charger" Five Hour AA-Size Charger. Holds four cells at one time. The price of \$16 got you the charger and four high capacity AA cells.

Now here is the unbelievable part. I am running an experiment with this puppy on four cells that I am

cycling through this charger and the WalkMan CD player running CW on the 2 hr walk each morning and on the road using cassette adapter to car stereo when the bands are dead. While charging I guess the temperature of the cells and the unit to be around 120 F or so. I may measure this, but they are extremely warm to the touch upon removing.

I called the 800 number at Sanyo asked about two things. The temperature and what about leaving the cells in for long periods of time. I did this THREE times over a week to get three different people on the help line. They all gave me the exact same answer. Cells will not be damaged by the heat and that leaving the cells in the charger for long periods of time (weeks) will not damage them. This is what I got from the folks at the help line, a.k.a. 'war room' in the computer industry. :-) ;-) I'll let you know how this experiment is going. I may not be the only one doing this, but so far I haven't seen any damage but I find it difficult to believe that there will not be damage due to the long term heat factors.

The charger obviously does not have a "float" function reduce the charging voltage and current. As the cells are just as warm after one, two, four, eight, sixteen, or more hours in the charger.

3. It has been posted to this group to also be aware that if you leave the battery(ies) connected to a charger and unplug the charger that the charger may discharge the batteries at sometimes a rapid rate, so don't leave the batteries in an unplugged charger.

So much to know about and so little time....

FYI

Chuck Adams K7Q0/5 adams@ticnet.com <http://www.qsl.net/k7qo/>

Date: Thu, 5 Aug 1999 13:01:41 EDT
From: RadioKOL@aol.com
To: qrp-l@lehigh.edu
Subject: [46861] Where's QRP-L??
Message-ID: <604a419.24db1d75@aol.com>
MIME-Version: 1.0

Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Is it me? Is it AOL? Is it QRP-L?

All of a sudden, no more messages.

Bill

Date: Thu, 5 Aug 1999 13:04:17 -0400
From: "Ed Tanton" <n4xy@att.net>
To: "QRP-L Reflector" <qrp-l@Lehigh.EDU>
Cc: "Test-Equipment@Qth. Net" <test-equipment@qth.net>, "Homebrew Reflector" <homebrew@qth.net>, "Hammarlund Reflector" <hammarlund@qth.net>, "Hallicrafters Reflector" <hallicrafters@qth.net>
Subject: [46862] Some Capacitor Insulation-Resistance Data
Message-ID: <NBBBJDEEIFDDANGEGHLBCENJGHAA.n4xy@att.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 8bit
Content-Transfer-Encoding: 8bit

Hello All... my friend and fellow Southerner Nolan Lee reproduced the information below about some capacitor types. It was from one of the old capacitor mfgs, and I thought it was interesting enough to send to some of you. If you're interested in boat anchor/MIL gear, Nolan has an interesting website at: <http://www.acadiacom.net/nlee>

So here's the data:

3.3 Insulation Resistance

3.3.3 Supplementary Information. An insulation resistance of 50 megohms at the operating temperature of the equipment will be found satisfactory for most circuit applications. Coupling capacitors should have an I-R in excess of 200 megohms. Replacements should be made as indicated.

3.3.3a New mica capacitors will have an insulation resistance greater than 3000 megohms for RMA "A" classification units, and greater than 6000 megohms for other RMA classifications. New ceramic capacitors will also meet the 6000 megohm value. New halowax or mineral oil impregnated, wax-filled or wax-molded paper tubular capacitors will

usually meet the limits imposed by the Radio Manufacturers Association.

These call for a minimum insulation resistance-capacitance product of 1000 megohm-microfarads or a maximum required insulation resistance of 5000 megohms, whichever is the smaller. For commercial, oil-impregnated, oil-filled capacitors in metal cases, trade limits are generally as follows:

Oil Type:	Minimum	Max. Req.	I-R
	RxC	or	
Vegetable	400		1200
Mineral	1200		3600
Chlorinated			
Synthetic		750	4250

All of these values are for measurements at 25 C (77 F). Insulation resistance will decrease very rapidly at temperature increases. At 65 C (149 F), the insulation resistance of an ordinary wax tubular will be about 5 percent of it's I-R at 25 C(77 F).

72 / 73 Ed N4XY Elecraft K2 sn: 000057

Ed Tanton N4XY EMAIL: n4xy@arrl.net
189 Pioneer Trail
Marietta, GA 30068-3466 TEL: (770) 971-0436

INTERESTS: *CW (99.5%) *QRP (QRP-L# 758)
*BoatAnchors *Test Equipment *Photography

~~~~~  
"Begin at the beginning... and go on until you come  
to the end: then stop."

The White Rabbit, from "Alice In Wonderland"

~~~~~

Date: Thu, 5 Aug 1999 13:36:53 -0700
From: "Hanson Family" <hansfam@midcoast.com>
To: <QRP-L@Lehigh.EDU>
Subject: [46863] Still looking TT Century22...
Message-ID: <000101bedf82\$41678b40\$d11499d0@oemcomputer>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

C'mon folks,

Whats it going to take to pry a Century 22
loose from someone for this new ham?

hansfam@midcoast.com

Thanks,

Steve KE1LG

Date: Thu, 5 Aug 1999 10:53:38 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Low Power Amateur Radio <qrp-l@Lehigh.EDU>
Subject: [46864] 10m contest results
Message-ID: <Pine.GS0.4.10.9908051051210.29833-1000000@rotor.dri.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi All,

The 1998 ARRL 10M and 1999 RTTY Roundup scores are available on the ARRL
members only webpage.

According to the article, the 10M contest was the biggest single weekend
contest ever for the ARRL!

Lots of calls from QRP-L are listed.....

Congratulations to all!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Thu, 05 Aug 1999 13:04:32 +0000
From: Jay Bromley <w5jay@alltel.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46865] DSW-30 power, voltage, ect
Message-ID: <37A98BE0.C5031637@alltel.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang,

I went home at lunch to try and catch Chuck on 30 meters for a DSW to DSW contact, had time for one call only. I very briefly varied the input voltage and measured the the power output of the DSW-30 into a 50 ohm dummy load. The wattmeter used was a Oak Hills WM-2. I went from 13.5 to 7 volts, there was no point going lower because things started to howl and fall to pieces.

Volts	Power out
13.5	1.75
11.1	1.
10	.995
9	.750
8	.575
7	.400

You mileage may vary, I was in a hurry but should be good enough for government work. I love this little rig and would recommend it highly. With its features it should be one of the all time favorites for back packing!!
73 de w5jay..

Date: Thu, 5 Aug 1999 11:32:05 -0700
From: Bob Nielsen <nielsen@primenet.com>
To: RadioKOL@aol.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [46866] Re: Where's QRP-L??
Message-ID: <19990805113205.B30998@bob>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

On Thu, Aug 05, 1999 at 01:01:41PM -0400, RadioKOL@aol.com wrote:
> Is it me? Is it AOL? Is it QRP-L?
>

> All of a sudden, no more messages.

It isn't qrp-l. I've been getting stuff steadily.

Bob, w6swe

--

Bob Nielsen Internet: nielsen@primenet.com
Tucson, AZ AMPRnet: w6swe@w6swe.ampr.org
DM42nh http://www.primenet.com/~nielsen

Date: Thu, 05 Aug 1999 13:41:14 -0500
From: "George T. Baker" <w5yr@swbell.net>
To: Paul Erickson <paule@sfu.ca>
Cc: qrp <qrp-l@lehigh.edu>
Subject: [46867] Re: Battery Chargers - Phewy!
Message-ID: <37A9DACA.FF557B95@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Paul, if those are sealed lead/acid or gel-cell, I don't know what to tell you other than to stick the voltage to them through some sort of current-limiting resistor and see what happens. Be alert that one could short and draw a very large current and even explode, so current limiting is necessary.

Liquid electrolyte lead acid batteries can be exposed to 16 or 17 volts provided that the battery is very closely monitored. They boil like crazy and emit enormous amounts of hydrogen gas. Although some recommend that all such batteries undergo such treatment periodically to remove any sulphation effects, etc., most battery manufacturers advise against it - probably for liability reasons.

I find it more effective to take care of batteries by watching the fluid levels and monitoring their maintenance charge, etc. and then just buy new ones when they start going over the hill.

72/73, George AMA 98452 R/C since 1964

Amateur Radio W5YR, in the 53rd year and it just keeps getting better!
AutoPOWER Systems, Fairview, TX (30 mi NE Dallas) Collin County
QRP-L QRP-ARCI FISTS NORCAL ZOMBIE ARS 10-X 33.2 N 96.6 W EM13RE

Paul Erickson wrote:

Could you elaborate a little more on this. I was given some 12a/hr
> and one out of the four will not hold a charge over 12v, and before
> I throw it out, would like to make all possible efforts to salvage
> it.

Date: Thu, 5 Aug 1999 14:48:33 EDT
From: Macstein@aol.com
To: qrp-l@lehigh.edu
Subject: [46868] AOL / list problems
Message-ID: <c27b02b7.24db3681@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Sorry to use the whole list to address what seems to be an AOL problem, but...
If you are an AOL user and are experiencing difficulty getting the QRP-L
postings, whether digest or individually, please join the ranks of formal
complaints and contact the tech department at AOL. It's been a week now.

If you are an AOL user and are NOT having problems getting the list postings,
please write me off-list to let me know.

I've just been downloading the daily digest each morning -- but that is not
my preference. Thanks.

-MAC-
KF4KSM

Date: Thu, 05 Aug 1999 15:08:27 -0400
From: James Owen <owen@piper.eeel.nist.gov>
To: qrp-l@lehigh.edu
Subject: [46869] Re: 10m contest results
Message-ID: <37A9E12B.628C7059@piper.eeel.nist.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Monte Stark wrote:

> The 1998 ARRL 10M and 1999 RTTY Roundup scores are available on the members only webpage.

> Lots of calls from QRP-L are listed.....

Thanks for the info Ron. I knew it must be almost time for the 10m contest to be out. Time to blow my horn. K4CGY 2nd place MD/DC 200,502 points, Phone only, High power. However, first place had almost twice the contacts (1500 to my 798) how does he do that?

I know it's not transmitter as I worked almost everything I heard. Bet I didn't miss more than 25 or 30 that I called. Put in almost the full time too. The station setup should be ok. Corsair II to a 4 ele yagi @ 47ft. What am I doing wrong or is it just luck. It has to be antenna related. Maybe I should put up a scaled version of Clarence Moore's 64 ele. 15m quad!

Let's hear from others how they did.

72 Jim K4CGY qrp-l #72 not qrp for this one.

Date: Thu, 05 Aug 1999 19:17:14 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [46870] QRPp Wilderness Alert.
Message-ID: <37A9E33A.7F5D@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang, my little side project has been introducing 14 year old Nicholas/AD6IT to QRP. I built him the little 49er rig and he's been making contacts.

Nicholas just happens to be headed to his Grandma's cabin in Yosemite for a whole week!

He expects to operate from there during the evenings and maybe early mornings if he takes hikes.

Since he has a cabin to work from, I expect he'll be able to work longer into the night since the mosquitos and biting flies won't be lunching on him like they did k7gt and I!

72/Ed we6w

--

-Ed AR Millennium Q's=>1000/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Thu, 5 Aug 1999 13:55:01 -0600
From: Rod Cercone <rwc@frii.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46871] INFO: National Park Sprint/Contest
Message-ID: <19990805135501.36233@frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Folks:

Today I spoke with the Head Ranger at Rocky Mt. National Park, to be sure all was OK with my plan. In a word it is, but with limitations. NO PUNCHING HOLES IN THE GROUND!! IT'S THE LAW AND I COULD BE FINED FOR DOING IT. There was also some concern for my 33ft portable mast, park helicopter traffic! But we worked that out, no traffic expected. So, check with your local park officials for any restrictions that may apply in your situation.

My plan is to go to RMNP and set up at the Lava Cliffs parking area, ~12kft elevation. WX has been bad so we'll see. I'll work from the tailgate of my pickup or the cab (WX), & lash my mast to the truck. Having had some luck with Mag Loops, I'll start with that on 20M. If that fails vertical or sloper. I'll be using my K2 and/or NorCal 20. If I do get on the air up there and I quit abruptly, assume an electrical storm has moved in and I've left the air waves!

A park map is online at:

<http://www.rocky.mountain.national-park.com/map.htm>

Look for the Alpine Visitor Center, Lava Cliffs is right below that.

--
72/3 NØRC
Rod Cercone
Fort Collins, CO
QRP-L #1764, NorCal, QRP ARCI, CQC & FISTS
da di dah

Date: Thu, 5 Aug 1999 14:10:30 -0600 (CST)

From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@lists.gpfn.sk.ca>, Low Power Group <qrp-1@LeHigh.EDU>
Subject: [46872] Fox: Team Guidelines (fwd)
Message-ID: <Pine.LNX.3.95.990805140742.6968B-100000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hello everyone!...here are the Team Guidelines for the next Fox Hunt which begins in October...when you have your Team of 4 stations formed please send me an e-mail so I can include you on the Official Teams roster...your Team might be the next one to win the new beautiful Fox Hunt Team plaque which was presented to the Houston Hounds at FDIH!.....

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - 128 Durham Drive, Regina, SK.,
S4S-4Z2, Canada-AR Stamp Collector- "QRP! How sweet it is!"

...guidelines for 1999-2000 season...

- TEAM GUIDELINES for the 40 mtr Fox Hunt -

Version 1.2

The main idea of the Team competition, which is held within the annual 40 mtr Fox Hunt, is to have FUN, post tall tales after each hunt (of course you can stretch the truth!... :-)) and enjoy another aspect of the pursuit of QRP!

- each Team will consist of 4 stations.
- obviously there will be times when some stations cannot make the fox hunt for various reasons...don't sweat it as that's the way the slippery seaweed sloshes...there could be an excellent belly-laughing tale here to be told on QRP-L and QRP-C for the entertainment of all!... ;-))
- scoring is the total NUMBER OF PELTS SKINNED AND ON THE WALL by each hunter as indicated in the posted fox logs.
- one of the automatic "prizes" will be RECOGNITION of the winning Team by QRP enthusiasts world-wide!

- the winning Team will receive the newly established 40 mtr Fox Hunt Team Plaque, which is sponsored by QRP-Canada. This plaque was won for the first time during the 1998-1999 fox hunt by the Houston Hounds. Their names & calls have been engraved on a plate attached to the plaque. Each member of the winning team will also received a nice colorful certificate to frame and hang on their shack wall, from Mary, NA6E, of Cherry Graphics. It will be the responsibility of the previous year's winning Team to send the Plaque to the new Team winners or it could be presented to them at FDI, Atlanticon, Ft. Tuthill, Pacificon or any of the QRP gatherings; whatever works out best for that year's Fox Hunt. Ken La Rose, VE3ELA, creator of the Plaque, will engrave the new name plate and then send it to the new winners to be attached to the plaque.

..."So it was said; so let it be done" and good luck to all!!

- 72 - Bruce(VE5RC+VE5QRP) QRP-L#886 QRP-C#1

Date: Thu, 05 Aug 1999 20:17:29 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [46873] Re: QRPp Wilderness Alert.
Message-ID: <37A9F159.439F@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gang, I missed a few points.

Here's the better details on this QRPp wilderness alert:

Dates: 8/7 thru 1/15 1999.
Times: Mornings/evenings.
Who: Nicholas/AD6IT, age 14.
Where: Yosemite, family cabin.
What: Using 49'er radio (No rit)
Freq's: 7039-7044 KHz range
Power: Max Power output is 1 Watt. I added the 5 section filter and it is very clean on my spectrum analyzer.

Be sure to respond to any of his CQ's off frequency about 500 or 1 KHz away. I've worked him easily 1.5 KHz lower in freq. than his TX.

He is very excited about y'all looking for him. Should be a blast for the young ham to QSO the QRP community out there in the country.

72 es happy hunting.

--

-Ed AR Millennium Q's=>1000/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Thu, 05 Aug 1999 16:20:36 EDT
From: n5ib@juno.com
To: qrp-l@Lehigh.edu
Subject: [46874] DSW-40 tests on 9V battery
Message-ID: <19990805.151141.4767.4.N5IB@juno.com>

Thanks, Chuck, for the report from Dallas. Nice to hear you and be heard by you even though we didn't "work" in the strict sense.

On the bench test:

Battery open circuit voltage: 8.61 V
DSW-40 on Rx for 1 min: 8.40 V
Key down into dummy load: 7.78 V rf output 15.5 V pp for
average power of 0.60 W

On the air last night:

antenna: about 70 ft of #22 stranded, 15 ft at the center, under 6' at the ends, center feed with 15 ft of 300 ohm Radio Shack (#22 AWG) twinlead, MFJ-971 tuner

next up:

two lemons, two limes, a kiwi, and a passionfruit powering a DSW driving an off-center fed strand of al dente spaghettini (sans marinara) :^}

I second Jay's comment - this is a GREAT rig - I'm thinking about encouraging a group build within our club.

72,

Jim N5IB

Get the Internet just the way you want it.
Free software, free e-mail, and free Internet access for a month!
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

Date: Thu, 05 Aug 1999 14:40:24 -0600
From: Roy <marion@montana.com>
To: qrp-1@Lehigh.EDU
Subject: [46875] underdog needed
Message-ID: <199908052027.0AA16869@mail.montana.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

The new fox hunt teams need 4 hounds, which leaves us one dog short. We are currently Ron, ki0ii, Dan, n4roa, and myself, roy ab7ce. Any one want to join us and fill out the pack? Send me direct. tn timer

Date: Thu, 5 Aug 1999 16:32:00 -0400 (EDT)
From: malman@world.std.com (Joel Malman)
To: qrp-1@Lehigh.EDU
Cc: k1qm@world.std.com, rattray@gpfn.sk.ca
Subject: [46876] MASS FOX TEAM
Message-ID: <199908052032.AA15859@world.std.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

MASS QRP'ers,

Any of the other QRP'ers in MASS want to do a Fox Team? 1CL, 1XX, WA1, etc, you guys know who you are. Please send me E-Mail ... It's about time MASS got a Fox team! The AZ and TX crowd think their hot... but we can put some points on the board also...

--
/joel K1QM Concord, MA
QRP-L 337, QRP-ARCI 9305

Date: Thu, 5 Aug 1999 16:41:53 -0400

From: Jerry Albertin <jalbertin@juno.com>
To: qrp-1@lehigh.edu
Subject: [46877] MFJ-418 Code Tour
Message-ID: <19990805.164153.12558.0.JAlbertin@juno.com>

Thanks to all that responded..the tutor is spoken for.

If by some chance the deal falls through I'll be contacting interested persons
in the order that I received your mail.

Thanks again.....73 Jerry kg2jf

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Date: Thu, 5 Aug 1999 16:15:14 -0500
From: "Chuck Adams K7QO" <adams@ticnet.com>
To: qrp-1@lehigh.edu
Subject: [46878] OT: Paddles and CW Test
Message-ID: <E11CUq3-00002U-00@pop3.ticnet.com>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT
Content-Transfer-Encoding: 7BIT

Gang,

1. Did anyone else besides me and WA5YFY watch the Mercury Paddle #301 (the last serial number, but one more paddle was assembled by Steve in the hospital before his passing) on ebay.com? When Dub and I were visiting I took my Mercury (well more on that in a minute) #300 up to compare with Dub's #126 or so. We noticed a couple of minor differences but I had a hole in the center of the base with milk colored plastic pieces on top and bottom.

I was looking at the pictures of #301 and that paddle also had the same pieces. So all you Mercury owners look at your paddle and let me know (offline) if you have a hole at the center of the base just behind the Mercury emblem and the bearing post.

The Mercury paddle did not sell on ebay.com at the last bid of \$1025. The guys reserve must have been significantly higher. If I had put mine out there it could have gone for \$500 or the highest bid after that reserve. But I don't have to mess with that now. I traded for a Hensley paddle and I'll have details on that when I get the pics on the web page after Austin meet on Saturday. Stay tuned.

2. Can we talk the ARRL to going back to using UTC for everything again? Please? Pretty please? Messed me up when they print EDT/PDT dates and UTC times. I realize that there are so many newbies that can't convert, but no reason to mess things up... :-). I started Tuesday night at 0400UTC and last night at 0200 and 0400UTC!!! Finally figured it out when at 0400UTC I just barely heard K6YR on 3.590MHz among the QRN.

So, last two nights I've been waiting for the 40WPM run on ARRL. Tonight's the night at 0200UTC usual ARRL freqs.

And seems like the 17 meter transmitter at ARRL had a chirp last night. Someone let me know if I'm wrong or was it just last night they had a problem?

So, those of you working on your code speed, get out the pencil and paper or typewriter and let's see how you do. No code readers and no elmer looking over your shoulder. The ARRL does give a nice certificate for this. I don't have one with my call on it. ;-)

Afterwards let's all see if 30 meters is still open. :-)

dit dit

Chuck Adams K7Q0/5 adams@ticnet.com <http://www.qsl.net/k7qo/>

Date: Thu, 05 Aug 1999 15:18:03 -0600
From: John Evans - N0HJ <jaevans@codenet.net>
To: qrp-l@lehigh.edu
Subject: [46879] Re: INFO: National Park Sprint/Contest
Message-ID: <37A9FF8B.9298DFE8@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Gee, I guess if you have a tent that requires pegs in the ground to hold it up, you are up the park without a shelter, eh?!!!!

72 - john

Rod Cerkoney wrote:

>
> Folks:
>
> Today I spoke with the Head Ranger at Rocky Mt. National Park, to be
> sure all was OK with my plan. In a word it is, but with limitations. NO
> PUNCHING HOLES IN THE GROUND!! IT'S THE LAW AND I COULD BE FINED FOR
> DOING IT.

-- John A. Evans, N0HJ -- jaevans@codenet.net

Date: Thu, 5 Aug 1999 15:20:43 -0600
From: Jeff Francis <jfrancis@frii.com>
To: jaevans@codenet.net
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [46880] Re: INFO: National Park Sprint/Contest
Message-ID: <19990805152043.32993@frii.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Heh. And if you drop your pencil, make sure it lands on it's side and not on the point... ;^)

On Thu, Aug 05, 1999 at 03:18:03PM -0600, John Evans - N0HJ wrote:

> Gee, I guess if you have a tent that requires pegs in the ground to
> hold it up, you are up the park without a shelter, eh?!!!!
>
> 72 - john
>
> Rod Cerkoney wrote:
> >
> > Folks:
> >
> > Today I spoke with the Head Ranger at Rocky Mt. National Park, to be
> > sure all was OK with my plan. In a word it is, but with limitations. NO
> > PUNCHING HOLES IN THE GROUND!! IT'S THE LAW AND I COULD BE FINED FOR
> > DOING IT.
>
> -- John A. Evans, N0HJ -- jaevans@codenet.net

--

Jeff Francis - KC0BWS		Ack!
Level Three Communications	"The impossible often has a kind	____/
Denver, CO USA DM79nr	of integrity to it that the	\ o.0
	merely improbable lacks."	=(_)=
39d43m16.4s N 104d52m10.7s W		U
jfrancis@frii.com jeff@l3.net	-Dirk Gently	
http://www.frii.com/~jfrancis		PRR...

Date: Thu, 05 Aug 1999 21:33:57 +0000
From: Ed Loranger <we6w@qsl.net>
To: qrp-l@lehigh.edu
Subject: [46881] Portable operating setup; webpage info is good read.
Message-ID: <37AA0345.6FBA@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Hi gang. Whilst reading up on antenna measurements I came across an interesting webpage that I felt demonstrated some of our wishes in a portable radio setup. You just gotta read thru this page. Very nice. I may garner some ideas for my CW station.

Enjoy.
<http://www.qmac.com/>

72/Ed we6w (I have No connection to anything/anyone commercial.)

--

-Ed AR Millennium Q's=>1000/2000 QRP-L#1068 BB#101
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

Date: Thu, 5 Aug 1999 14:59:55 -0700
From: "Kory Hamzeh" <kory@avatar.com>
To: <we6w@qsl.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [46882] RE: Portable operating setup; webpage info is good read.
Message-ID: <002801bedf8d\$da32d5e0\$14ce21c7@tomcat.avatar.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

If you go to one of those large office supply stores like Office Depot or Staples, they have hard (plastic) cased portable file cabinet in which the top opens up. They seem to work very well and are cheap. I used one for many years.

Kory
AC6RN

>
> Hi gang. Whilst reading up on antenna measurements I came across
> an interesting webpage that I felt demonstrated some of our
> wishes in a portable radio setup. You just gotta read thru
> this page. Very nice. I may garner some ideas for my CW
> station.
>
> Enjoy.
> <http://www.qmac.com/>
>
> 72/Ed we6w (I have No connection to anything/anyone commercial.)
>
>
>
> --
> -Ed AR Millennium Q's=>1000/2000 QRP-L#1068 BB#101
> 72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA
> QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275
>

Date: Thu, 05 Aug 1999 15:09:06 -0700
From: "Russ Carpenter" <russ@natworld.com>
To: "QRP-L List" <qrp-l@lehigh.edu>
Subject: [46883] Results of the August Spartan Sprint
Message-ID: <199908052207.PAA20324@guppy.pond.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit
Content-Transfer-Encoding: 7bit

These Spartan Sprints are quite amazing. Each month there is noticeably more activity, and, judging from the soapbox comments, everyone seems to be having a great time. The August Sprint was like a mini Field Day. 20 meters was hopping, with QRP signals spread across a 10 kHz segment of the band.

If you didn't tell us the weight of your station, or if your station weighed more than Wolf Rock (a huge monolith in Oregon), we assigned a weight of 30 pounds. As usual, the Soapbox makes great reading. You can find it within the August issue of The ARS Sojourner, at <http://www.natworld.com/ars>.

THE SKINNY DIVISION (sorted in the order of Qs per pound)

Call	Name	80m	40m	20m	15m	10m	Total Qs	Wt.	Qs/ Pound
K6PZB/9	John	0	0	32	0	0	32	.4	80.00
N7XJ	Bob	0	0	39	0	0	39	.8	48.75
W5RXP	Rich	0	0	21	0	0	21	1.1	19.09
K7TQ	Randy	0	0	36	0	0	36	2.4	15.00
AA4XX	Paul	0	4	24	0	0	28	2.2	12.73
AC5K	Wes	0	0	35	0	0	35	3	11.67
N7CEE	Bruce	0	2	21	0	0	23	2.5	9.20
K5NZ	Mike	0	6	47	0	0	53	6	8.83
N9AW	Jerry	0	4	55	0	0	59	8	7.38
K1QM	Joel	0	7	13	1	0	21	3	7.00
K8CV	Walt	0	6	32	0	0	38	6	6.33
KB7MBI	Alan	0	0	34	0	0	34	6	5.67
KI0II	Ron	0	0	32	2	0	34	6.1	5.57
WE6W	Ed	0	5	8	0	0	13	3.5	3.71
AA2VX	Mike	0	0	21	0	0	21	6	3.50
AA2VX	Mike	0	0	21	0	0	21	6	3.50
KA8LLE	Ben	0	0	17	0	0	17	5	3.40
KB9LCK	Chris	0	0	13	0	0	13	4	3.25
K5LN	Bill	0	8	26	0	0	34	11	3.09
WD6CCS	Bill	0	3	0	0	0	3	1.2	2.50
WA4SQM	Ken	1	0	12	0	0	13	6	2.17
W3BB0	Bob	0	10	16	0	0	26	12	2.17
K04WX	Mike	3	0	0	0	0	3	1.5	2.00
AA7QU	Russ	0	5	52	0	0	57	30	1.90
AF5Z	Bob	0	7	41	0	0	48	30	1.60
N4ROA	Dan	0	0	38	0	0	38	30	1.27
NA1XX	Mike	0	0	13	0	0	13	11.2	1.16
K4ZM	Jim	0	0	32	0	0	32	30	1.07
K7SDW	Gregory	0	6	0	0	0	6	6	1.00
KH6B	Dean	0	0	6	0	0	6	6	1.00
WA8GHZ	Jack	0	5	23	0	0	28	30	0.93
KQ0I	Mark	0	0	28	0	0	28	30	0.93
N6WG	Bob	0	11	1	0	0	12	20	0.60

KF2PH	Nick	0	3	0	0	0	3	5	0.60
AB0GO	David	0	0	15	0	0	15	30	0.50
AB5WX	Dave	0	3	12	0	0	15	30	0.50
W0UFO	Mert	0	0	12	0	0	12	30	0.40
KM7H	Jim	0	0	11	0	0	11	30	0.37
KE4R	Barrett	0	0	10	0	0	10	30	0.33
VE3TEQ	Armin	0	2	8	0	0	10	30	0.33
AE4GX	Sam	1	1	6	0	0	8	30	0.27
VE6AAN	Pat	0	0	7	0	0	7	30	0.23
AD6IY	John	0	0	7	0	0	7	30	0.23
W3CDE	Jerry	1	0	0	0	0	1	5	0.20
AL7EV	Bob	0	0	5	0	0	5	30	0.17
KD4MSR	Scott	2	0	0	0	0	2	30	0.07

THE TUBBY DIVISION (sorted in the order of Qs)

Call	Name	80m	40m	20m	15m	10m	Total Qs
N9AW	Jerry	0	4	55	0	0	59
AA7QU	Russ	0	5	52	0	0	57
K5NZ	Mike	0	6	47	0	0	53
AF5Z	Bob	0	7	41	0	0	48
N7XJ	Bob	0	0	39	0	0	39
N4ROA	Dan	0	0	38	0	0	38
K8CV	Walt	0	6	32	0	0	38
K7TQ	Randy	0	0	36	0	0	36
AC5K	Wes	0	0	35	0	0	35
KI0II	Ron	0	0	32	2	0	34
K5LN	Bill	0	8	26	0	0	34
KB7MBI	Alan	0	0	34	0	0	34
K6PZB/9	John	0	0	32	0	0	32
K4ZM	Jim	0	0	32	0	0	32
AA4XX	Paul	0	4	24	0	0	28
WA8GHZ	Jack	0	5	23	0	0	28
KQ0I	Mark	0	0	28	0	0	28
W3BB0	Bob	0	10	16	0	0	26
N7CEE	Bruce	0	2	21	0	0	23
AA2VX	Mike	0	0	21	0	0	21
K1QM	Joel	0	7	13	1	0	21
AA2VX	Mike	0	0	21	0	0	21
W5RXP	Rich	0	0	21	0	0	21
KA8LLE	Ben	0	0	17	0	0	17
AB0GO	David	0	0	15	0	0	15
AB5WX	Dave	0	3	12	0	0	15
KB9LCK	Chris	0	0	13	0	0	13

WE6W	Ed	0	5	8	0	0	13
WA4SQM	Ken	1	0	12	0	0	13
NA1XX	Mike	0	0	13	0	0	13
N6WG	Bob	0	11	1	0	0	12
W0UFO	Mert	0	0	12	0	0	12
KM7H	Jim	0	0	11	0	0	11
KE4R	Barrett	0	0	10	0	0	10
VE3TEQ	Armin	0	2	8	0	0	10
AE4GX	Sam	1	1	6	0	0	8
VE6AAN	Pat	0	0	7	0	0	7
AD6IY	John	0	0	7	0	0	7
K7SDW	Gregory	0	6	0	0	0	6
KH6B	Dean	0	0	6	0	0	6
AL7EV	Bob	0	0	5	0	0	5
KF2PH	Nick	0	3	0	0	0	3
WD6CCS	Bill	0	3	0	0	0	3
K04WX	Mike	3	0	0	0	0	3
KD4MSR	Scott	2	0	0	0	0	2
W3CDE	Jerry	1	0	0	0	0	1

Thanks for supporting The Adventure Radio Society!

Russ Carpenter, AA7QU
Contest Manager

Date: Thu, 5 Aug 1999 18:33:22 EDT
From: J38AL@aol.com
To: qrp-l@lehigh.edu
Subject: [46884] Re: Where's QRP-L??
Message-ID: <c8ab99e2.24db6b32@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

Not only the messages but since Monday I no longer can access the web site so I can't even view the QRP-L Archives. Please help.

72, Al N2ZHS
Scotia, NY

In a message dated 8/5/99 1:02:59 PM Eastern Daylight Time, RadioKOL@aol.com writes:

<< Is it me? Is it AOL? Is it QRP-L?

All of a sudden, no more messages.

>>

Date: Thu, 05 Aug 1999 22:57:05 -0400
From: Richard Arland <k7sz@epix.net>
To: QRP List <qrp-l@lehigh.edu>, tentec <tentec@contesting.com>, tentec list
<tentec@qth.net>
Subject: [46885] T-T 525D/1208 6 mtr Xvtr Price Reduction
Message-ID: <37AA4F01.A3435895@epix.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit
Content-Transfer-Encoding: 7bit

For Sale:

Argosy-II model 525D with power supply, rebuilt PTO, 500 hz CW filter
and audio filter w/ manual Rig is PRIMO: \$425.00, split shipping

T-T 1208 6 meter transverter (built from kit) in mint condx w/ manual
\$80.00, I ship.

Private e-mail only, please.

Rich K7SZ

End of QRP-L Digest 1539

